



2016 Year in Review

Highway Division

Freight Advisory Council Meeting

December 2, 2016

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Presentation Overview

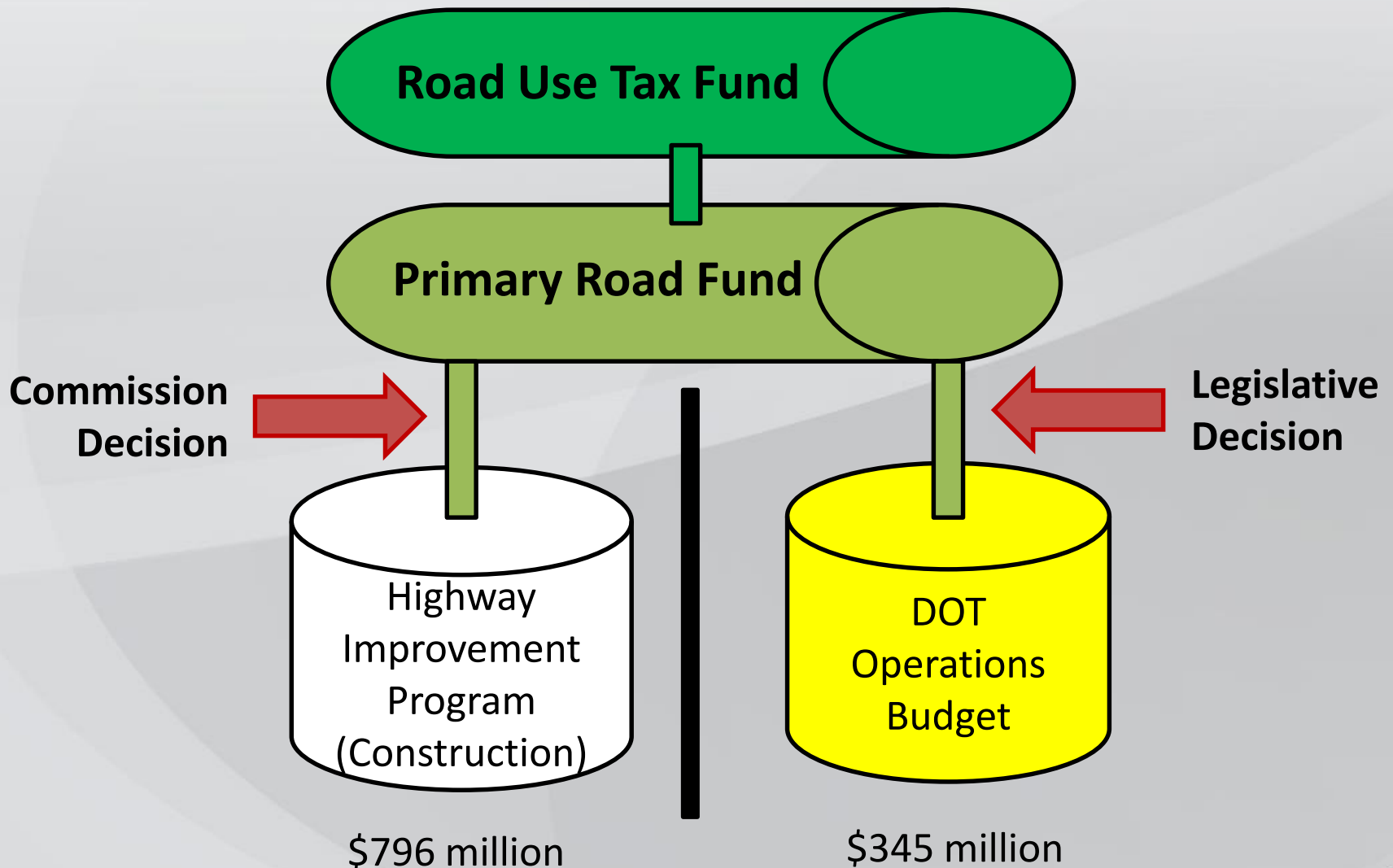
- Iowa DOT Budget and Staffing
- Highway Construction
- Winter Maintenance Activities



Iowa DOT Budget and Staffing



DOT Construction vs Operations Funding

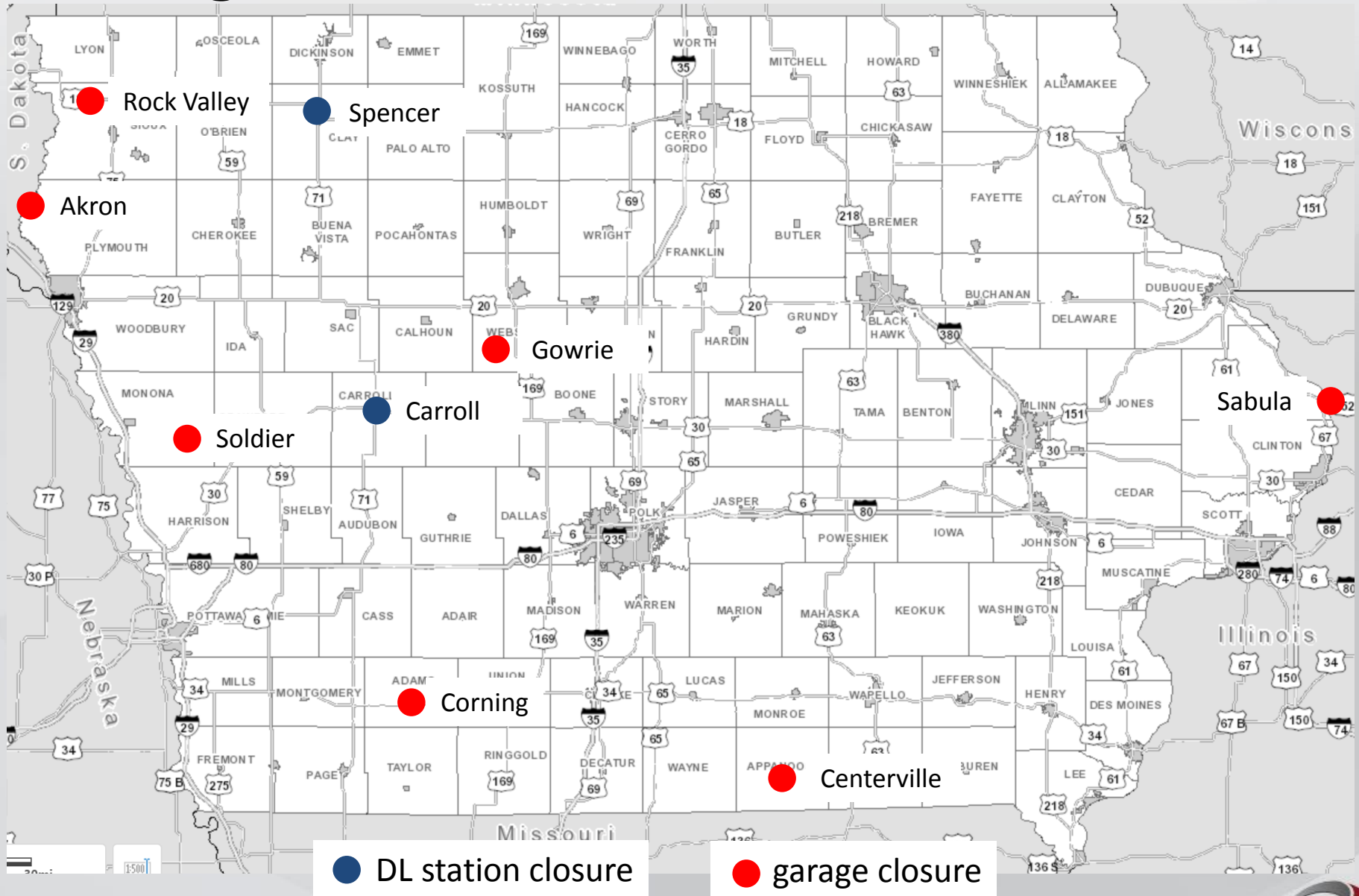


2016 Legislative Session

- Requested operating budget = 350 million
- Granted operating budget = 345 million
- Results:
 - 7 maintenance garages closed
 - 2 driver's license stations closed
 - 67 vacant positions eliminated
 - Increased use of outside services



Garage & Drivers License Station Closures



Staffing and Program Dynamics

3,100 FTEs

\$3.5B

Program +30%

45% Difference

Positions -15%

\$2.7B

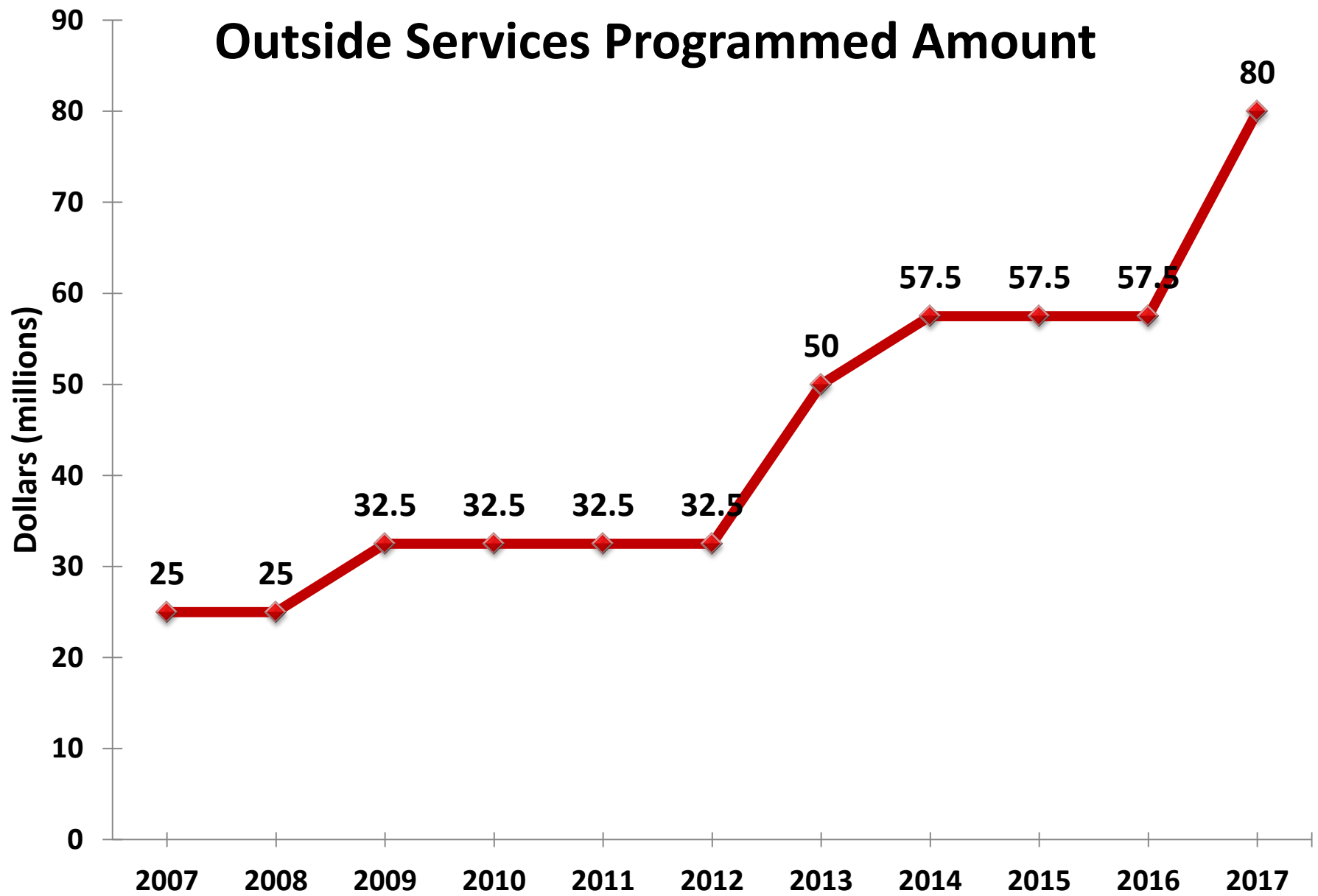
2,632 FTEs

2011

2016



Outside Services Programmed Amount

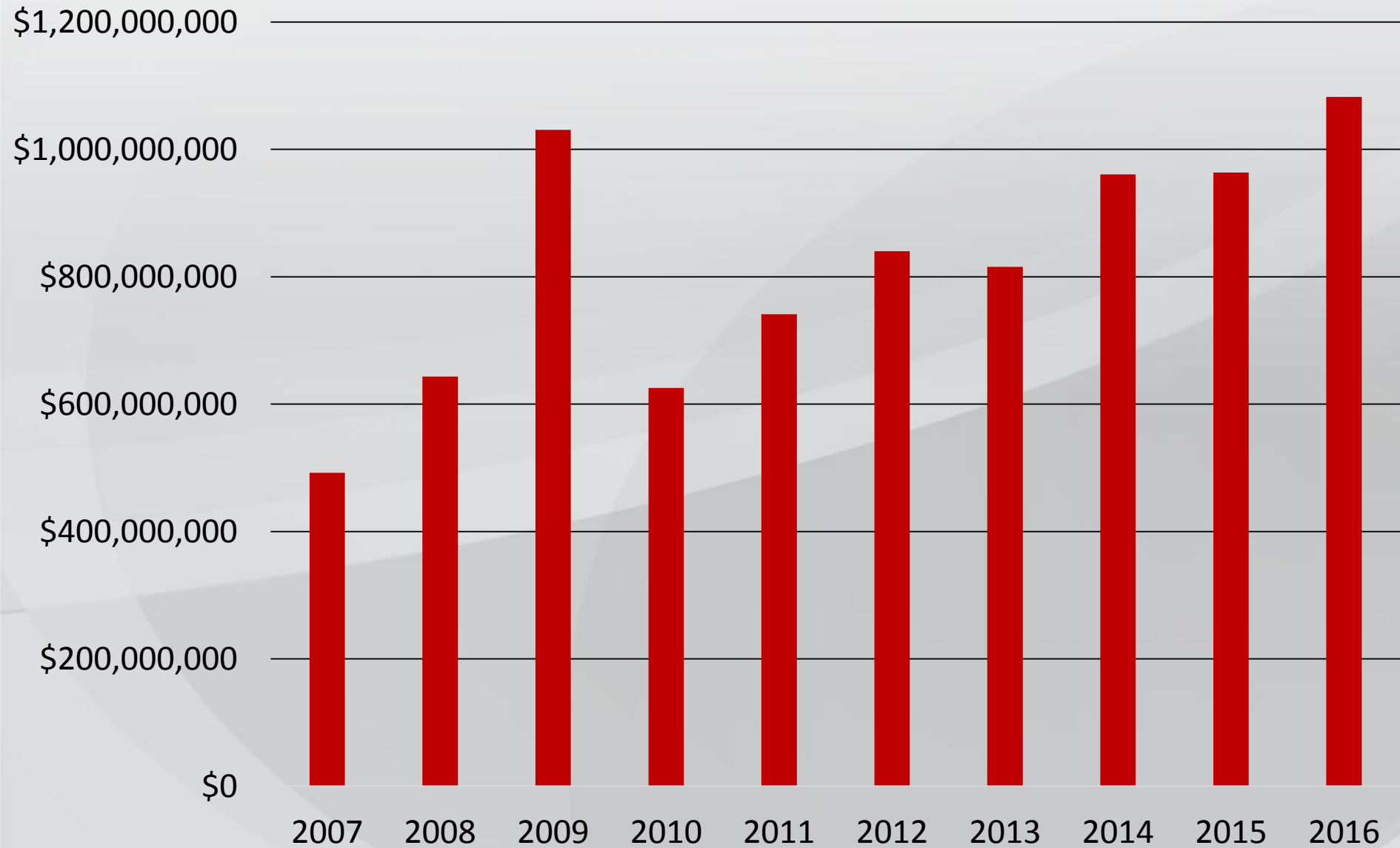


Highway Construction

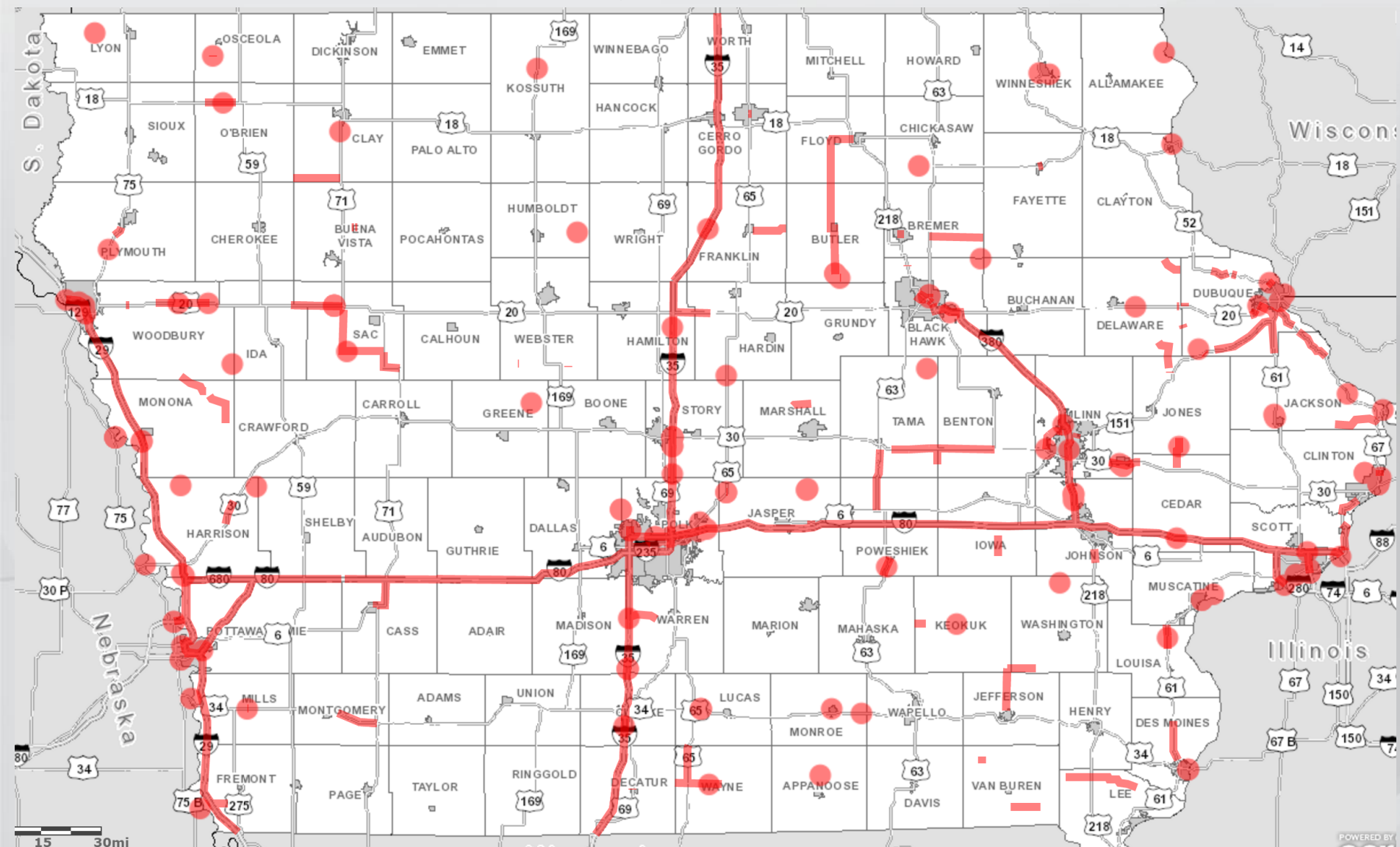
SAFETY RESPECT INTEGRITY TEAMWORK LEADERSHIP



Contract Amount Let by DOT (State and Local)



Fiscal 2017 Programmed Projects



SAFETY RESPECT INTEGRITY TEAMWORK LEADERSHIP

Winter Maintenance Activities



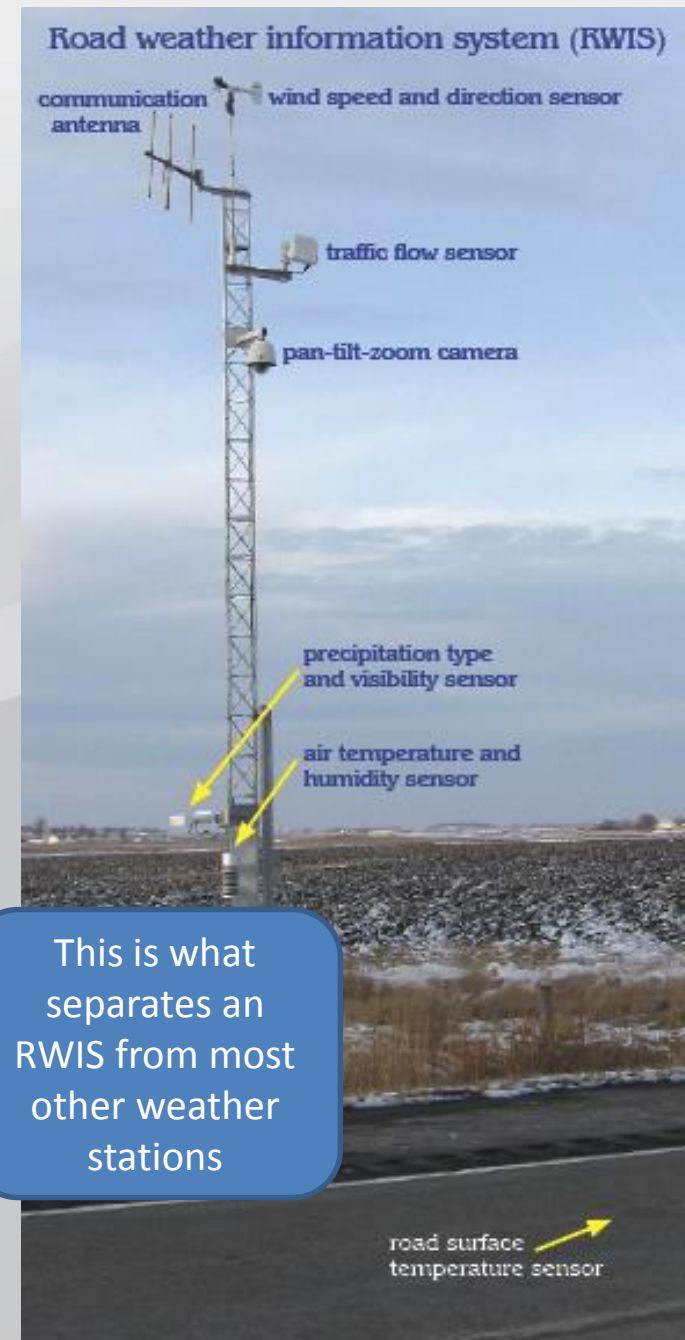
Winter Maintenance by the Numbers

- Annual Winter Operations Budget = ~ \$60 million
- 102 garages
 - ~900 snow plows
 - 1,000 Fulltime winter staff
 - ~450 Seasonal staff
- 9,480 centerline miles
- 24,200 lane miles
- Materials Used (2015-2016 Winter Season)
 - 227,000 tons salt storage capacity
 - 147,981 tons of salt
 - 20,189,526 gallons of brine
 - 17,670 tons sand
- 68 roadside weather stations



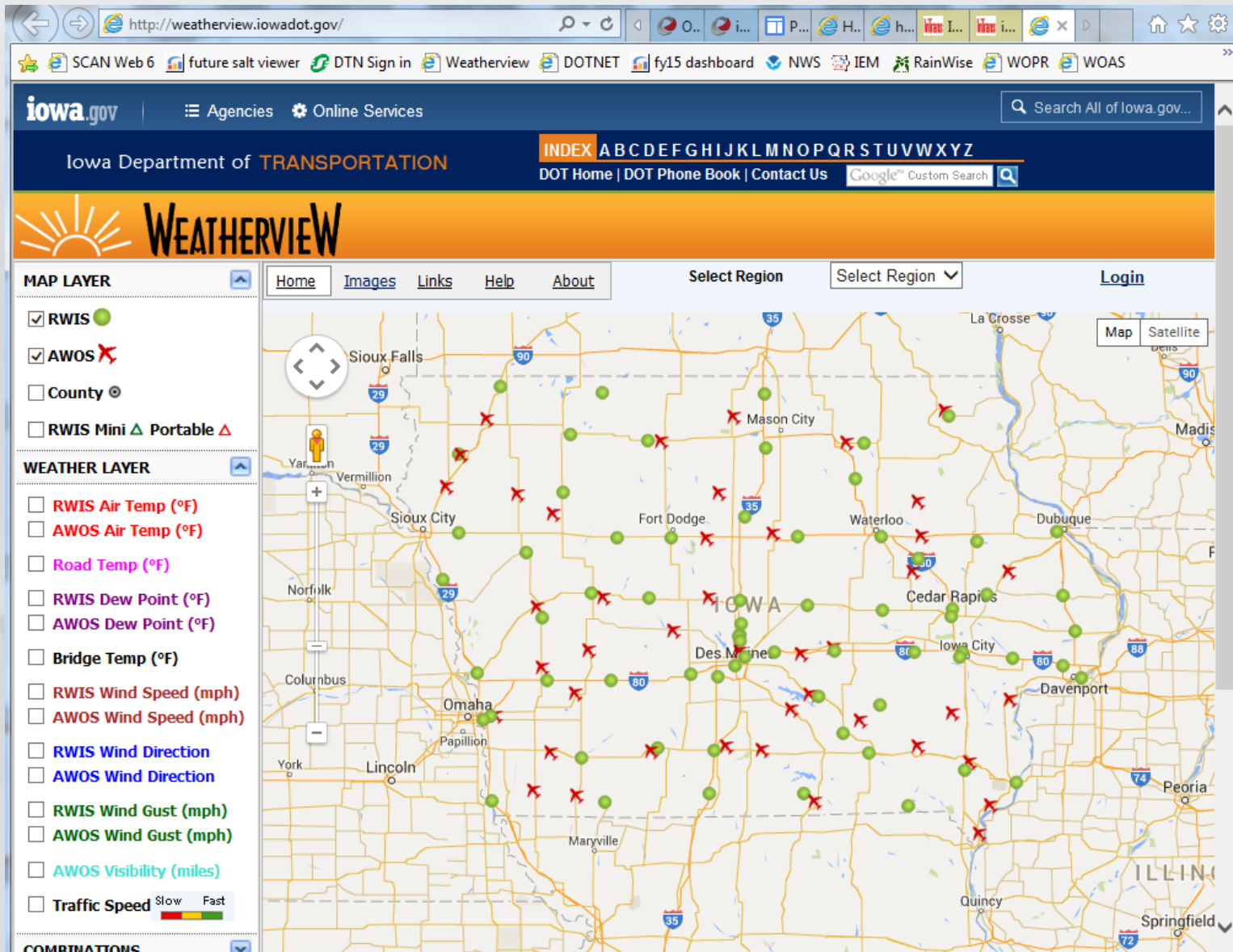
Weather Information

- Forecasts
- Cameras
- Road Weather Information System (RWIS)
 - Wind Speed and Direction
 - Camera images
 - Traffic speed and classification
 - Precipitation Sensor
 - Air Temperature and Relative Humidity
 - Pavement Temperature
 - Pavement Condition (wet/dry)
 - Subsurface Temperature



RWIS Locations

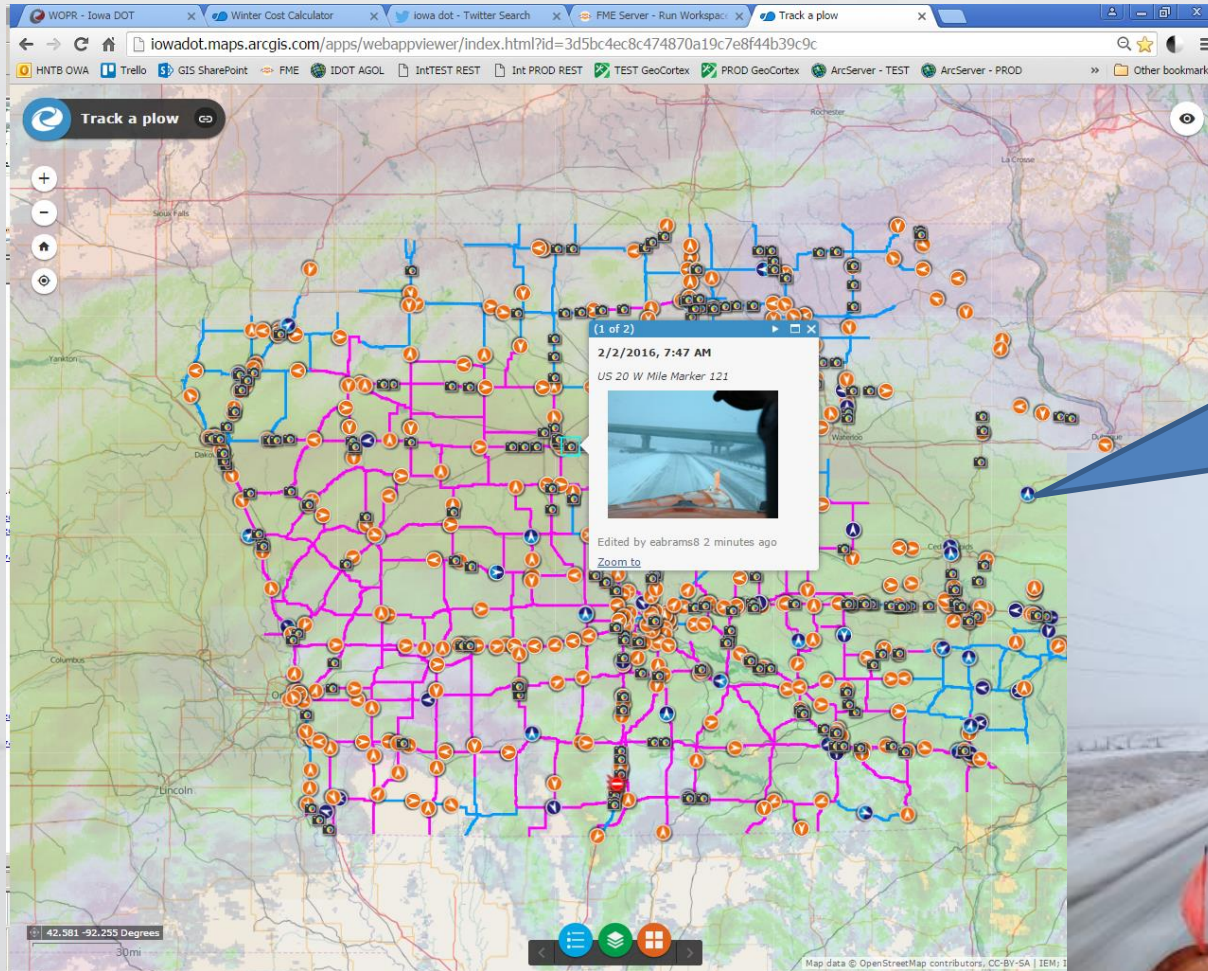
<http://weatherview.iowadot.gov/>



SAFETY RESPECT INTEGRITY TEAMWORK LEADERSHIP

Track a Plow

<http://trackaplow.iowadot.gov/>



See where plows are – and what we see from the windshield

Color-coded road condition reports

Radar overlay



SAFETY RESPECT INTEGRITY TEAMWORK LEADERSHIP



Road Conditions

<http://hb.511ia.org/>

Winter
Road
Condition
Reports

Roadside
Cameras

Traffic
Speeds

Road
Closures

Towing
Bans

WAZE
reports

The screenshot displays the 511 Iowa website interface. At the top, the 511 logo is followed by navigation links: HELP | MORE 511 | TRUCKERS | WINTER DRIVING | BORDERING STATES' 511 | CONTACT. A user login prompt "Your 511 (sign in)" is visible on the right. Below the header, there are controls for text size (A A A), text-only mode, a streamlined version, and future info. A search bar and a star icon are also present. The main content area features a map of Iowa with various road conditions and incidents overlaid. A legend in the bottom right corner identifies symbols for "Incidents, Winter Driving, Weather Warnings, Towing Prohibited". The left sidebar contains a menu with options: Personalize your 511, Travel At-A-Glance, Incidents, Construction, Winter Driving & Incidents (highlighted), Cameras & Speeds, Twitter, and Facebook.



Questions



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